

Title (en)

SAFETY VALVE DEVICE FOR PACKAGINGS CONTAINING PRODUCTS TO BE COOKED, COOLED, REHEATED OR DEGASSED

Title (de)

SICHERHEITSVENTIL ZUM WÄRMEN BZW. NACHWÄRMEN, KÜHLEN BZW. WIEDERKÜHLEN ODER ENTLÜFTEN VON PRODUKTE BEINHALTENDEN VERPACKUNGEN

Title (fr)

DISPOSITIF DE VALVE DE SECURITE POUR EMBALLAGES DE PRODUITS A CUIRE, REFROIDIR, REMETTRE EN TEMPERATURE OU A DEGAZER

Publication

EP 0752958 A1 19970115 (FR)

Application

EP 95915232 A 19950330

Priority

- FR 9500408 W 19950330
- FR 9403945 A 19940331

Abstract (en)

[origin: WO9526912A1] A device consisting of a valve (1) with a peripheral portion (2) attached to the packaging support (3), and a movable flap (5) with an end portion (6) connected to the peripheral portion to form a hinge portion exerting a resilient return force determined by bending slots (7) shaped so that the end portion (6) retains a certain degree of rigidity and has a sensitive shape memory function enabling it to be opened by the vapour pressure and dynamically closed on cooling. A projection (10) on the underside of the flap acts as a seal engaging the recess (8) in the packaging support (3) during cooling, and comprises suitably positioned spikes (18) for engaging one or more vapour discharge outlets (9) in said recess (8).

IPC 1-7

B65D 51/16

IPC 8 full level

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CPC (source: EP US)

A47J 36/027 (2013.01 - EP); **B65D 51/1644** (2013.01 - EP US); **B65D 77/225** (2013.01 - EP US); **B65D 81/343** (2013.01 - EP US); **B65D 81/3453** (2013.01 - EP US)

Citation (search report)

See references of WO 9526912A1

Cited by

US6607764B1

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DOCDB simple family (publication)

WO 9526912 A1 19951012; CA 2186532 A1 19951012; DE 69502821 D1 19980709; DE 69502821 T2 19990128; EP 0752958 A1 19970115; EP 0752958 B1 19980603; ES 2119422 T3 19981001; FR 2718111 A1 19951006; FR 2718111 B1 19960705; US 5806703 A 19980915

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